

FACT SHEET

April 20, 2006

Request:

Permit Application for the preparation of Sewage Sludge and Grease that was pumped or removed from a Food Service Facility with the Sewage Sludge Use or Disposal Practice of Disposal in a Municipal Solid Waste Landfill (MSWL).

Permit Applicant:

Mr. John Baham, President
Environmental Processing, Inc.
P.O. Box 909
Eunice, Louisiana 70535

Pertinent Information:

1. On October 6, 2005, a Type II-A Solid Waste Processor Permit Application from Environmental Processing, Inc. for the solidification and de-watering of sewage sludge (includes sludge from sanitary wastewater treatment facilities, domestic septage, and portable toilet waste) and grease that was pumped or removed from food service facilities was submitted to the Office of Environmental Services.
2. The Type II-A Solid Waste Processor Permit Application was completed by Mr. John Baham, President of Environmental Processing, Inc. and Ms. Michelle Saucier, P.E. of Aucoin & Associates, Inc.
3. The Type II-A Solid Waste Processor Permit Application was deemed "administratively complete" on October 12, 2005 and the Public Notice of "Administrative Completeness" was made in the **Eunice News** of Eunice, Louisiana on October 27, 2005.
4. The Type II-A Solid Waste Processor Permit Application was forwarded to the Biosolids DCL-A on October 13, 2005. The application was submitted after September 1, 2005; which was the date the Department signed and placed into effect Emergency Rule OS066E that moved the regulating and permitting of the use or disposal of sewage sludge (and a material mixed with sewage sludge) under Chapter 69 of LAC 33:IX. Therefore, rather than have the applicant submit another application under the Chapter 69 regulations, the Type II-A Solid Waste Processor Permit Application was utilized for the technical review purposes.
5. Technical review of the application did indicate the need for additional information. Therefore, on 02/07/2006, a request for additional information was made to the permit applicant and the consulting engineer. Additionally, on 02/15/2006, a telephone conference call was conducted between the permit applicant (Mr. John Baham), the consulting engineer (Ms. Michelle Saucier) and Mr. J. Kilren Vidrine (DCL-A) and Mr. Brian Baker (Engineer) of the Water & Waste Permits Division to discuss the needed additional information.
6. The additional information was submitted on 02/21/2006. However, the financial assurance information was not correct and a re-submittal of the financial assurance information was made on 03/07/2006. The information was deemed sufficient for the preparation of a Draft Sewage Sludge (Biosolids) Use or Disposal Permit.

Sewage Sludge and Grease Preparation Process:

The physical location of the preparation process is at 329 Burk Manuel Road, Eunice, St. Landry Parish, Louisiana.

Sewage Sludge (includes the sludge pumped or removed from sanitary wastewater treatment facilities, domestic septage, and portable toilet waste) will be mixed with grease that was pumped or removed from food service facilities and will undergo a solidification and de-watering process. The entire process is self-contained and basically consists of the following:

The sewage sludge and grease will be pumped into the sludge receiving/separator tank. The material will be screened and the coarser material will be collected in dumpsters and carried off to a permitted landfill. The grease will then be skimmed and solidified for disposal into a permitted landfill. The remaining liquefied material will then be pumped into above ground holding tanks until there is an adequate volume to be prepared and hauled off to a permitted landfill for disposal.

To begin a batch process, a filter aid mixing tank will be filled with 1,100 pounds of filter aid (i.e. diatomaceous earth filter media) and water. The material will then be mixed. After mixing, the material will be gravity fed to a filter drum. Polymer will be injected while the drum rotates. As the filter drum rotates, the filtrate is extracted through a filter by means of a vacuum pump.

Final Disposal:

The solidified material remains on the filter and is removed by a blade and is placed into a dumpster for disposal in a permitted municipal solid waste landfill. The filtrate that was extracted through the filter is introduced into the city of Eunice sanitary wastewater collection system.

Action Taken:

1. On 04/20/2006, the Draft Sewage Sludge (Biosolids) Use or Disposal Permit and Fact Sheet was completed and the package was routed for review and approval/disapproval on 04/24/2006.
2. The Draft Permit is the first permit prepared under the regulations at Chapter 69 of LAC 33:IX. The format utilized for the Draft Permit was a mixture of the format for the LPDES Permit and the EPA Guidance Permit Example for the Use or Disposal of Sewage Sludge.
3. The Permit Number format is as follows: LASS65+Agency Interest Number.

“LA” – the first two letters of the LPDES permits

“SS” - utilized to stand for Sewage Sludge

“65” – the first two numbers of the EPA Region VI General Permit for the Use or Disposal of Sewage Sludge in Louisiana

Agency Interest Number – The AI number for the facility. This will allow us to better track the permit to the facility Agency Interest Number

The Draft Permit and Fact Sheet were prepared by J. Kilren Vidrine.